

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	16	(eras\$3 with trapez\$5) and (non-volatile or (non adj volatile))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:52
L3	8	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and (erase with pulse) and (non-constant with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L4	1	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and ((erase with pulse) with non-constant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L5	116	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and (erase with pulse) and ((non-constant or (without near2 constant) or (no near2 constant) or chang\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L6	12	(NROM or (Nitride adj2 Read adj2 only adj2 Memory)) and (non-volatile or flash) and (apply\$3 same (erase with pulse) same (non-constant or (without near2 constant) or (no near2 constant) or chang\$3) same voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L7	37	cohen.in. and NROM	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L8	8	cohen.in. and NROM and (eras\$3 with (non-volatile or flash) with cell\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57

## EAST Search History

L9	987	(non-volatile or flash) and (erase with pulse) and ((variable or vary or varies or adjust\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L10	847	(non-volatile or flash) and (erase with (variable or vary or varies or adjust\$3) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L11	614	"365"/\$.ccls. and (non-volatile or flash) and (erase with (variable or vary or varies or adjust\$3) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L12	200	"365"/\$.ccls. and (non-volatile or flash) same (erase with (variable or vary or varies or adjust\$3) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L13	58	"365"/\$.ccls. and (non-volatile or flash) same (erase with (variable or non adj1 constant) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L14	13	("5636166"   "5680350"   "5784316"   "5801985"   "5901108"   "5901194"   "6020775"   "6081575"   "6115291"   "6188613"   "6248629"   "6272586"   "6356974").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57
L15	1	(eras\$3 with pulse) same profile same (ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57
L16	1	profile and ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57
L17	1	ramp-like and trapezoidal and exponential-growth-like and asymptote-like and stepped	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57

## EAST Search History

L18	41	((profile near2 voltage) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57
L19	1	NROM and ((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57
L20	6	(non-volatile or flash) and ((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57
L21	1	(non-volatile or flash) same (erase with (variable or (non adj1 constant)) with (voltage or pulse)) and ((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L22	43	((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L23	6	(non-volatile or flash) and ((voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L24	11	(non-volatile or flash) and ((voltage near2 profile) same (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L25	68	(non-volatile or flash) and ((voltage near2 profile) and (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L26	2	(non-volatile or flash) and ((voltage near2 profile) and (erase near2 pulse) same adjust\$3 same feedback)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57

## EAST Search History

L27	1	(non-volatile or flash) and (eras\$3 near2 pulse near2 source) same produce same (erase near2 pulse) same (variable or non-constant) same voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L28	5	(non-volatile or flash) and (eras\$3 near2 pulse near2 source) and produce and (erase near2 pulse) and (variable or non-constant) and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L29	121	("6,449190" "6,128226" "6,134156" "6,584017" "6,535434" "5,949714" "6,064591" "6,075724" "5,926409" "6,118692" "5,812457" "4,742491" "5,042009" "5,295108" "5,440505" "5,523972" "5,563823" "5,568085" "3,895360" "4,388705" "4,527257" "4,667217" "5,636288" "5,715193" "5,768193" "5,784314" "5,812449" "5,828601" "5,886927" "5,892710" "5,903031" "5,946258" "5,969993" "6,034896" "6,097639" "6,108241" "6,157570" "6,169691" "5,241497" "5,293563" "5,289412" "5,305262" "5,345425" "5,349221" "5,359554" "5,418743" "6,181605" "6,205056" "6,215148" "6,215702" "6,240032" "6,240040" "6,266281" "6,292394" "6,304485" "6,331950" "6,396741" "6,490204" "20020132436").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L30	120	("20020191465" "5,689459" "5,537358" "5,400286" "5,450341" "5,450354" "5,422844" "5,424978" "5,434825" "5,521870" "5,583808" "5,623438" "5,949728" "6,081456" "6,128226" "6,134156" "6,147904" "6,256231" "6,928001" "5,726946" "5,754475" "20030076710" "6,307807" "6,552387" "5,787036" "5,841700" "5,847441" "5,870335" "5,963412" "5,991202" "6,011725" "6,028324" "5,946258" "6,723518" "6,700818" "5,677869" "5,751637" "6,330192" "6,343033" "6,426898" "6,452438" "6,359501" "6,353356" "6,297974" "6,208200" "6,198342" "6,130574" "5,081371" "6,064251" "6,677805" "20030142544" "6,469935" "5,933367" "6,584017" "6,665769" "20030072192" "5,999444" "5,808506" "6,433624").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57

## EAST Search History

L31	1	(pulse near2 source) with produc\$3 with (erase near2 pulse) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L32	3	(pulse near2 source) same produc\$3 same (erase near2 pulse) same (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L33	432	(voltage near2 profile) and (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L34	43	(voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L35	4	eras\$3 and (voltage near2 profile) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L36	25	(eras\$3 near2 pulse) with (ramp-like or trapezoidal or exponential-growth-like or asymptote-like or stepped)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L37	34	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same (erase with (variable or (non adj1 constant)) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L38	119	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same (erase with (variable or vary or varies or adjust\$3) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57

## EAST Search History

L39	7	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same ((erase near2 pulse) with (variable or (non adj1 constant)) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L40	1	(non-volatile or flash) and (erase with pulse) and ((variable or vary or varies or adjust\$3) with voltage) and sub-set and (stag\$5 near2 sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L41	49	sub-set and (stag\$5 near2 sequence)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L42	987	(non-volatile or flash) and (erase with pulse) and ((variable or vary or varies or adjust\$3) with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L43	5	("5172338"   "6407946"   "6414876"   "6590804"   "6754123").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57
L44	33	"365"/185.29,185.22,185.19,185.3, 185.33.ccls. and (non-volatile or flash) same (erase with (variable or (non adj1 flat) or non-flat) with (voltage or pulse))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L45	79	(non-volatile or flash) same variable same (erase with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L46	152	(non-volatile or flash) same variable same (eras\$3 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L47	66	365/185.29,185.2,185.22,185.19, 185.3,185.33.ccls. and (non-volatile or flash) same variable same (eras\$3 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57

## EAST Search History

L48	27	365/185.29,185.2,185.22,185.19, 185.3,185.33.ccls. and (non-volatile or flash) with variable with (eras\$3 with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L49	123	365/185.2.ccls. and (non-volatile or flash) and (eras\$3 with pulse)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L50	92	365/185.2.ccls. and (non-volatile or flash) and (eras\$3 with pulse with voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L51	10	365/185.2.ccls. and (non-volatile or flash) and (eras\$3 with pulse with variable)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L52	15	365/185.2.ccls. and (non-volatile or flash) and (eras\$3 with pulse) and (variable near2 (voltage or bias))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L53	205	(non-volatile or flash) and (eras\$3 with pulse) and (variable near2 (voltage or bias))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L54	169	"365"/\$.ccls. and (non-volatile or flash) and (eras\$3 with pulse) and (variable near2 (voltage or bias))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L55	501	"365"/\$.ccls. and (non-volatile or flash) and (variable near2 (voltage or bias)) and eras\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57

## EAST Search History

L56	44	"365"/185.2.ccls. and (non-volatile or flash) and (variable near2 (voltage or bias)) and eras\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L57	2	apply\$3 with (erase near2 pulse) with (non-flat or straight) with (voltage or volt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L58	29	("20020099863"   "20020144099"   "20020156929"   "20020170050"   "20020183956"   "20020188910"   "20030038842"   "4138671"   "4656603"   "5202687"   "5258760"   "5414308"   "5426378"   "5563526"   "5600262"   "5633766"   "5703871"   "5828693"   "5880598"   "5939949"   "6018559"   "6144327"   "6157270"   "6166367"   "6191660"   "6225866"   "6304101"   "6449761"   "6460172").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/21 16:57
L59	436	apply\$3 with (erase near2 pulse) with (voltage or volt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L60	251	"365"/\$.ccls. and apply\$3 with (erase near2 pulse) with (voltage or volt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L61	1	apply\$3 with (erase near2 pulse) with (non-flat or non-constant) with (voltage or volt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L62	436	apply\$3 with (erase near2 pulse) with (voltage or volt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57



## EAST Search History

L63	1	(eras\$3 with (trapeze or non-flat or non-constant) with (non-volatile or (non adj volatile)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57
L64	4	(eras\$3 with (trapeze or non-flat or non-constant) with (non-volatile or (non adj volatile) or cell\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/01/21 16:57